About Your CD-RW Drive

RW8438E

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For more information concerning the installation and usage of the drive, refer to your drive's *Getting Started*.

Introduction

Use of controls or adjustments, or performance of procedures, other than those specified herein may result in hazardous radiation.

Your CD-RW Blaster drive is an easy, fast and economical internal drive that transforms your PC into a personal CD mastering system. Now you can archive your documents or multimedia content and create your own CDs. It makes your CDs a cost-effective and reliable means to store large files for distribution and storage.

Firmware Version Number

You need to take note of the firmware version number of your CD-RW drive. This number will enable Technical Support to troubleshoot any problems involving your drive should you need to call our Technical Support staff.

To check the Firmware version number

1. Switch on the computer after you have installed the CD-RW drive.
2. Click **Start** -> **Settings** -> **Control Panel**.
3. In the **Control Panel** window, double-click the **System** icon.
4. In the **System Properties** dialog box, click the **Device Manager** tab.
5. Double-click **CDROM**, select **Creative CD-RW RW8438E** and click the **Properties** button.
6. In the **Settings** tabbed page of the **Creative CD-RW RW8438E Properties** dialog box, note the **Firmware revision** number shown.

Front Panel

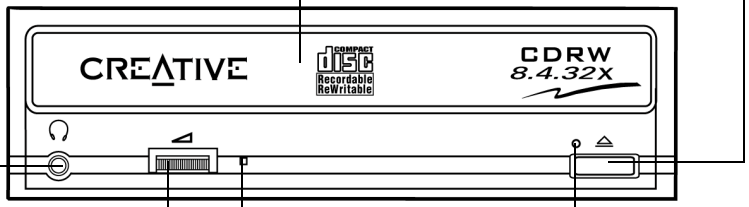
Your drive's front panel has various controls as shown in Figure 1.

The appearance of your CD-RW drive's front panel may differ from that shown in Figure 1.

Stereo Phone jack
Allows you to connect a pair of earphones or powered speakers to the drive.

Disc tray
Has a motorized loading system. It is where you place a CD. To eject the tray, press the Eject button.

Eject button
Allows you to eject or close the disc tray. The Eject button will not eject the disc tray if the tray is locked by a software application. To eject the disc tray, quit the application before you press the button.



Volume control
Allows you to adjust the volume of the earphones or powered speakers connected to the front panel's Stereo Phone jack.
This control has no effect on the audio output from devices (such as speakers) that are connected to your audio card.

LED indicator
Indicates the state of the drive:
Blinking: Playing audio, reading data from and writing data to disc.
Off: Idle or no disc present.

Eject hole
When there is a power failure or system failure, you can eject the disc tray by inserting and pushing a straightened paper clip into the Eject hole as shown below.
CAUTION: Remember to switch off the power supply to your system before inserting the clip into the Eject hole.

Note: Pull the ejected tray out gently. Avoid using excessive force to pull out the tray as this may damage your drive.

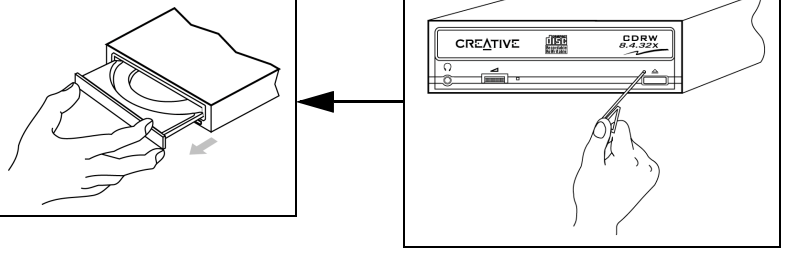


Figure 1: Front panel of your CD-RW drive.

Rear Panel

Your drive's rear panel has various connectors as shown in Figure 2.

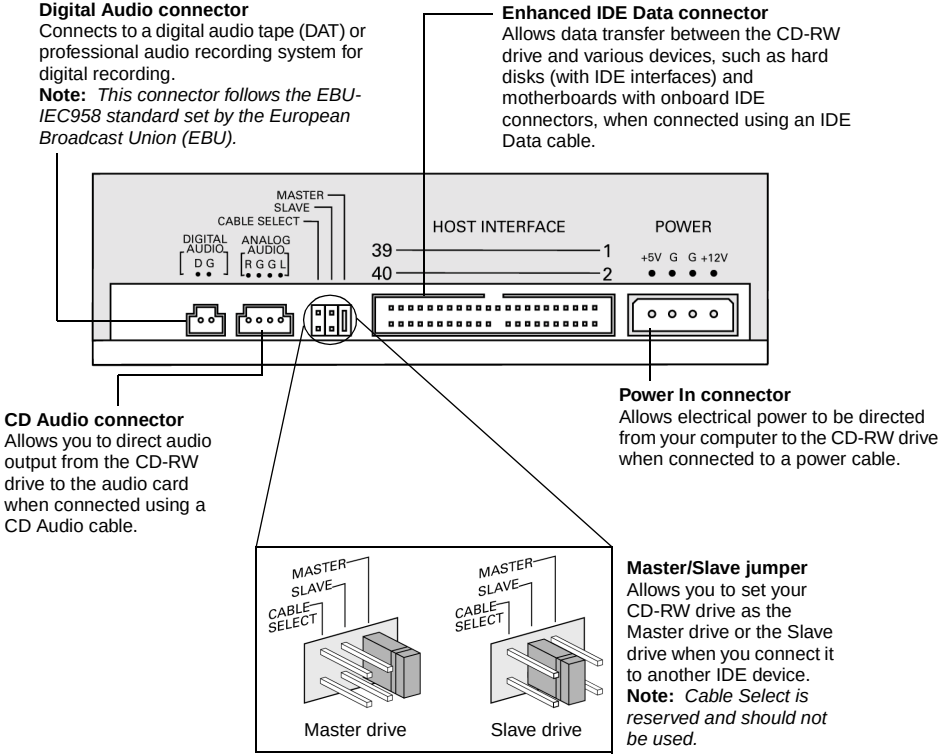

Digital Audio connector
Connects to a digital audio tape (DAT) or professional audio recording system for digital recording.
Note: This connector follows the EBU-IEC958 standard set by the European Broadcast Union (EBU).
Enhanced IDE Data connector
Allows data transfer between the CD-RW drive and various devices, such as hard disks (with IDE interfaces) and motherboards with onboard IDE connectors, when connected using an IDE Data cable.
MASTER
SLAVE
CABLE SELECT
DIGITAL AUDIO
D G
ANALOG AUDIO
R G G L
HOST INTERFACE
39
40
1
2
POWER
+5V G G +12V
CD Audio connector
Allows you to direct audio output from the CD-RW drive to the audio card when connected using a CD Audio cable.
Power In connector
Allows electrical power to be directed from your computer to the CD-RW drive when connected to a power cable.
MASTER
SLAVE
CABLE SELECT
Master drive
Slave drive
Master/Slave jumper
Allows you to set your CD-RW drive as the Master drive or the Slave drive when you connect it to another IDE device.
Note: Cable Select is reserved and should not be used.

Figure 2: Rear panel of your CD-RW drive.

Technical Specifications

Performance Characteristics

❑ Access Time (random)	(CD)	165 msec or better (Average)
❑ Buffer Memory		2 MB
❑ Data Capacity	(CD)	656 MB (Mode1) 748 MB (Mode 2)
❑ Data Transfer Rate	(CD-ROM)	4,800 KB/sec max.
❑ Write Speed	(CD-R)	150 KB/sec - 1,200 KB/sec max. (write)
❑ Write/Erase Speed	(CD-RW)	600 KB/sec max. (write/erase)

Disc Formats Supported

- ❑ CD-Audio
- ❑ CD-ROM
- ❑ CD-ROM/XA
- ❑ Enhanced Music CD
- ❑ Photo CD
- ❑ Video CD

Media Supported

- ❑ CD-R
- ❑ CD-RW

For more details on the various disc formats supported, refer to the “Glossary” of your drive’s *Getting Started.*

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